

AUTHOR INDEX

- Abdulla, A. M. 1519
 Abdulla, M. I. 1519
 Åberg, G. 781
 Abonnel, C. 1027
 Ackermann-Liebrich, U. 2565
 Adams, G. 1075
 Adema, E. H. 1091
 Adger, W. N. 1905
 Agarwal, P. 2089
 Ahonen, T. 825
 Al-Momani, I. F. 1131
 Al-Wali, K. I. 3055
 Alapaty, K. 2139
 Ali-Mohamed, A. Y. 1519
 Allen, A. G. 3519
 Allen, M. K. 1201
 Allwine, G. 1075
 Anastasio, C. 1697
 Ancellet, G. 1027
 Anderson, P. 1355
 Andreani-Aksoyoglu, S. 2961
 Andreassen, B. Th. 1785
 Aneja, V. P. 3037, 3055
 Angelino, E. 3477
 Angius, S. P. 3477
 Angle, R. P. 383
 Anquetin, S. 3501
 Anttila, P. 1705
 Anwari, M. A. 1131
 Arakaki, T. 1697
 Arcado, T. E. 3115
 Arey, J. 2977, 3423
 Armerding, W. 169
 Artaxo, P. 393
 Aschmann, S. M. 2311, 3423
 Ashmore, M. R. 525
 Asimakopoulos, D. N. 3689, 3713
 Asman, W. A. H. 1267, 1359, 1619
 Ataman, O. Y. 1131
 Atkins, D. H. F. 223
 Atkinson, R. 1685, 2311, 3423

 Baart, A. C. 997
 Bächmann, K. 175
 Bais, A. F. 3703
 Bakker, D. J. 997
 Baldacci, A. 2323
 Baldasano, J. M. 1331
 Baltensperger, U. 607, 1829
 Bamesberger, L. 1075
 Banic, C. M. 2235
 Barnes, I. 2651
 Baron, P. 1105
 Bartle, K. D. 1531, 1871
 Bartzis, J. G. 3593
 Baumgardner, D. G. 951
 Becker, K. H. 2401, 2651
 Beekmann, M. 1027
 Below, M. 449
 Bennett, M. 2275
 Berg, T. 353
 Berglund, J. 1379
 Berkowicz, R. 1267

 Berkowitz, C. M. 189
 Bessemoulin, P. 1027
 Best, M. J. 1853
 Beswick, K. M. 69
 Bierbach, A. 2651
 Biggs, P. 2677
 Birks, J. W. 2409
 Birla, P. 1171
 Blanco, S. 517
 Bloom, N. 1247
 Bolshov, M. A. 1843
 Borbély-Kiss, I. 1821
 Bornstein, R. D. 3713
 Bottenheim, J. W. 647
 Boutron, C. F. 1843
 Bowersox, V. C. 1231
 Bowman, F. M. 579
 Boybeyi, Z. 479, 2099
 Braaten, D. A. 2535
 Brady, B. B. 715
 Braendli, O. 2565
 Braga Marcazzan, G. M. 2323
 Brauer, M. 3545
 Brockmann, K. J. 2401
 Brook, J. R. 1795
 Brown, M. J. 2929
 Brunda, M. 861
 Brunke, E. G. 685
 Bryant, D. W. 3441
 Buckley, P. T. 2409
 Buhr, M. P. 2609
 Buhr, S. M. 2609
 Burkhard, E. G. 3281
 Burrell, L. L. 1425
 Burrows, J. P. 2677
 Burtcher, H. 967
 Butler, T. J. 1253
 Bytnerowicz, A. 1355, 1369
 Byun, D. W. 105, 3085

 Caloz, F. 3365
 Calvo, A. 1543
 Candelone, J.-P. 1843
 Carey Jang, J.-C. 3085, 3101
 Carmichael, G. R. 189, 255
 Carroll, J. J. 1319
 Carter, W. P. L. 2499, 2513
 Carvalho, F. P. 1809
 Carvalho, J. A. Jr 2301
 Cass, G. R. 905, 3451
 Castrofino, G. 3477
 Catsaros, N. 3593
 Cereda, E. 2323
 Chang, J. C. S. 2331
 Chang, J. C. 455, 457
 Chang, Y.-S. 255
 Chatterjee, K. 1883
 Chazin, J. D. 1201
 Chen, J. 2915
 Cheng, L. 383
 Chock, D. P. 3067
 Choularton, T. W. 69, 1413
 Chow, J. C. 751, 3019

- Christensen, J. 1267
Christy, J. R. 1957
Chrysophakis, T. 895
Chu, S.-H. 2905
Chuang, J. C. 2575
Chungsyng Lu 313
Chunlei Liu 3293
Claassen, H. C. 437, 1021
Claiborn, C. 1075
Coe, H. 1413
Colin, J.-L. 837
Collett, J. Jr 1145
Combrink, J. 685
Comes, F. J. 169
Connolly, M. V. 3309
Cook, S. 3381
Costigan, G. T. 2661
Cox, R. A. 2677
Cremades, L. 1331
Crowley, D. E. 2977
Crowley, M. 2977
Crutzen, P. J. 2677
Cruz, X. 2929
Cyrus, J. 3545
- Dabdub, D. 403
Daisey, J. M. 1719
Danalatos, D. 1849
Danhua Chen 1171
Danielsson, H. 3391
Dann, T. F. 3003
Dasgupta, P. K. 1291
Dash, S. K. 2001
Davidson, M. J. 3245
Davies, J. 456
Davies, T. D. 145, 1609
Davis, R. E. 619, 632
De Lathouwer, R. 2547
De Vries, H. S. M. 1069
Deinum, G. 997
Delany, A. 3115, 3181
Delmas, R. J. 1
Demoz, B. 1145
Denha, A. M. 1871
Dennis, R. 105
Derwent, R. G. 923
Desjardins, R. L. 3115, 3133, 3147, 3159, 3169, 3199
Desmet, G. 2547
Devara, P. C. S. 2205
Dewulf, J. 323
Diab, R. D. 685
Diehl, K. 975
Dlugi, R. 3209
Döhler, W. 1155
Dollard, G. J. 3209
Dombrowski, N. 767
Dongfen Gao 1591
Donnelly, J. 1123
Dore, C. 1413
Dorling, S. R. 145
Drijvers, D. 323
Dube, S. K. 2133
Duckham, S. C. 861
Dumont, G. 2547
- Dumyahn, T. 3545
Duncan, B. N. 3043
Dunker, A. M. 3067
Dutkiewicz, V. A. 3281
Duverneuil, G. 1027
Duykerke, P. G. 87
Duyzer, J. H. 997
Dyremark, A. 1553
- Eager, M. 1393
Easter, R. C. 189
Eastman, J. L. 617, 625
Ebinghaus, R. 3333
Edson, J. B. 3501
Egeløv, A. H. 1757
Egido, M. 1543
Eideliman, F. 1027
Elding, L. I. 1379
Enger, L. 2449
Eskinja, I. 1165
Esplin, G. J. 1459
- Fairweather, G. 189
Fall, R. 2989
Faust, B. C. 1697
Fay, B. 2485
Feagley, S. E. 1211
Febo, A. 345
Fehsenfeld, F. C. 2609
Feister, U. 1155
Fendel, W. 967
Fenter, F. F. 3365
Fernandez-Bremauntz, A. A. 525
Field, R. A. 923
Fischer, G. 3277
Foarde, K. K. 2331
Foken, T. 3209
Foltescu, V. L. 449, 1777
Ford, G. D. 2585
Foreman, D. U. 3303
Foumeny, E. A. 767
Fowler, D. 1393
François, F. 837
Fried, M. 459
Fritz, N. 1027
Fuentes, J. D. 3003
Fuhrer, J. 989
Fujita, E. M. 3019
Fung, C. 1735
Fung, J. C. H. 3245
Fung, Y. S. 2041
- Gäb, S. 2401
Gäggeler, H. W. 607, 1829
Gair, A. J. 2529
Gallagher, M. W. 69, 1413
Galmarini, S. 87
Ganor, E. 459
Gao, W. 727, 739, 2339
Gardner Evans, E. 2429
Garland, L. J. 3055
Gatz, D. F. 1185, 1195
Gavrilov, V. P. 2317, 2633
Gay, D. A. 619, 632
Geissmann, M. 989

- Genikhovich, E. L. 2375
Geron, C. D. 1569
Ghan, S. J. 189
Ghosh, U. 2157
Gianelle, V. 3477
Gibson, N. B. 2661
Giovannoni, J.-M. 3633
Gizard, E. 1027
Glaab, H. 2485
Glavas, S. 1849
Glikson, M. 549
Gobbi, G. 703
Goel, M. 2191
Goldreich, Y. 467
Goldstone, M. E. 923
Gomez-Arroyo, S. 517
Goodridge, J. D. 1957
Gopalakrishnan, S. G. 2061
Goulding, K. W. T. 1627
Grabarić, B. S. 1165
Grabarić, Z. 1165
Graber, W. K. 2961
Granat, L. 1677
Granby, K. 1757
Grantz, D. A. 3115, 3189
Griffiths, R. F. 1307
Grime, G. W. 2323
Grimm, J. W. 1231
Grinshpun, S. A. 1105, 1123
Grünhage, L. 2031
Guan, S. 2467
Guelev, M. G. 3433
Guenther, A. B. 1569
Guerra, G. 3559
Gulati, A. 2089
Gundel, L. A. 1719
Guo, Y. 3159, 3199
Gustavsson, J.-Å. 1553
Gutman, W. M. 3303
Gutschmidt, K. 3545
- Haag, I. 175
Hales, J. M. 189
Halm, D. R. 437, 1021
Hämeri, K. 825
Hammond, M. J. 69
Hanna, S. R. 455, 457
Hansson, H.-C. 393
Haraguchi, K. 247
Harger, J. R. E. 1919, 1943
Hari, P. 825
Harley, R. A. 905, 3451
Harren, F. J. M. 1069
Harris, G. W. 2219
Harrison, R. M. 1627
Hartog, G. den 3003, 3115, 3147, 3181, 3189
Hayman, G. D. 2677
Heeres, P. 1091
Heinold, D. W. 455
Heinrich, J. 3545
Helmers, E. 2475
Helmis, C. G. 3689
Hernandez, J. F. 1331
Hertel, O. 1267
- Hertstein, U. 2031
Herut, B. 851
Hewitt, C. N. 861
Higuchi, N. 2301
Hoff, R. M. 1735
Hoffer, T. E. 1609
Hoffman, F. O. 1771
Holbrook, B. D. 3037
Holdren, M. W. 2595
Holloway, J. S. 2609
Holsen, T. M. 533
Hong, S. 1843
Honjo, T. 97
Hornung, M. 3395
Horsch, G. M. 3593
Horvath, H. 241, 875
Horváth, Zs. 1821
Hout, K. D. van den 997
Hov, Ø. 1267
Hovmand, M. F. 1267
Hsunling Bai 313
Huang, M.-H. 2899
Hunt, J. C. R. 3245
Huntzicker, J. J. 3527
Husain, L. 3281
- Iemma, A. 3559
Imhoff, R. E. 2349, 3055
Ingham, D. B. 767
Iovinelli, R. 1145
Ishikawa, Y. 97
Iverfeldt, Å. 47
- Jacobsen, I. 2485
Jacobson, M. Z. 2541
Jäger, H.-J. 2031
Jain, I. 2133
Järvinen, O. 1705
Jeffries, H. E. 3085, 3101
Jenkin, M. E. 2677
Jennings, S. G. 3333
Jensen, P. K. 1619
Jha, B. 2001
Jiang, J.-Y. 2915
Jickells, T. 837
Jonas, P. R. 673
Jones, C. D. 3245
Jost, D. T. 607
- Kalatoor, S. 1105
Kallos, G. 3671
Kalogiros, J. A. 3689
Kambezidis, H. D. 1849, 3713
Kamens, R. M. 791, 1171
Kames, J. 947
Kaneyasu, N. 1559
Kantamaneni, R. 1075
Kanter, H. J. 947
Kantrowitz, F. T. 3303
Karaca, M. 3411
Karst, U. 2609
Kassomenos, P. 3671
Katz, A. 851
Keen, C. S. 283
Keller, J. E. 2961

- Kelly, T. J. 2595
 Kennedy, G. 591
 Kerminen, V.-M. 361, 377, 3263
 Kessler, Ch. 3619
 Khalili, N. R. 533
 Khemani, L. T. 2021, 2025
 Khlystov, A. 2229
 Khwaja, H. A. 127
 Kiang, C. S. 3043
 Kido, A. 247
 Kim, K.-H. 267
 Kirkitsos, P. 77
 Kitamura, E. 247
 Klemm, O. 3713
 Klepikova, N. V. 799, 2317, 2633
 Klouda, G. A. 3309
 Kock, H. H. 3333
 Koltay, E. 1821
 König, G. 861
 Konte, K. 3593
 Koračin, D. 2449
 Köse, C. 1131
 Kostiainen, R. 693
 Kostrikov, A. 799
 Kotroni, V. 3671
 Kramm, G. 3209
 Krissinel, E. 825
 Kubilay, N. 2289
 Kulmala, M. 377, 825
 Kumar, Yadav A. 2089
 Kunz, R. 3575
 Kupiszewska, D. 1531
 Kurita, H. 255
 Kwok, E. S. C. 1685
- Laaksonen, A. 377
 Lacey, D. 69
 Lakehal, D. 3501
 Lamb, B. 1075
 Lammel, G. 813, 3257
 Langenhove, H. van 323
 Lanzani, G. 3465
 Laursen, K. K. 951
 Laval, K. 1963
 Laxen, D. P. H. 959
 Layton, D. W. 1487
 Le Bras, G. 2677
 Leach, M. J. 2009
 Leach, M. J. 2163
 Lee, D. S. 223
 Lee III, R. B. 2201
 Lee, J. H. 3055
 Lee, V. C. 1719
 Lefohn, A. S. 601
 Legzdins, A. E. 3441
 Leitão, M. M. 2301
 Lerda, D. 3559
 Lerda, M. T. 2989
 Lester, J. N. 923, 2977
 Leuenberger, Ph. 2565
 Leung, L. R. 189
 Lewis, A. C. 1531, 1871
 Li Zhibian 3373
 Likens, G. E. 665, 1253
 Lin, X. 565
- Lindberg, S. E. 267, 1221
 Lindberg, S. 1219, 1247
 Liss, P. S. 2553
 Lodge, J. P. Jr 143, 144
 Lodge, J. P. 3397
 Löfvendahl, R. 781
 Loranger, S. 591
 Losno, R. 837
 Lovett, G. M. 665
 Lowenthal, D. H. 751
 Lu, Q. Q. 423
 Ludwig, F. L. 2915
 Lung, F. 2439
 Luo, D. 2499
 Luria, M. 2349
 Lushnikov, A. A. 825
 Lynch, J. A. 1231
 Lyons, W. A. 283
- MacKay, R. I. 69
 MacPherson, J. I. 3115, 3133, 3147, 3159,
 3169, 3181, 3199
 Madala, R. V. 2139
 Maenhaut, W. 837
 Magliano, K. L. 3019
 Mahanama, K. R. R. 1719
 Mahrt, L. 3115
 Maki, K. E. 1519
 Malkina, I. L. 2499
 Manju, M. 3325
 Manning, W. J. 601
 Marsik, F. J. 3055
 Marston, G. 305
 Martin, D. 1027
 Martin, L. R. 715
 Martinez, C. 3559
 Martinez, J. E. 3055
 Marvin, C. H. 3441
 Maryon, R. H. 1853
 Massman, W. J. 3115, 3181, 3189
 Matter, D. 967
 Maupetit, F. 1
 McArdle, N. C. 2553
 McBean, E. A. 2157
 McCarry, B. E. 3441
 McCartin, P. 3333
 McCloskey, J. 3381
 McCulloch, A. 1601
 McCurdy, T. R. 2575
 McDow, S. R. 791
 McNider, R. T. 1043, 2061
 Meagher, J. F. 2349
 Mehlmann, A. 2359
 Melas, D. 3605, 3703, 3713
 Melo, O. T. 565
 Mestayer, P. G. 3501
 Mészáros, E. 1821
 Meyers, T. P. 267
 Mickle, R. E. 1735, 3115
 Middleton, D. R. 923
 Midgley, P. M. 1601
 Miguel, A. H. 3519
 Milford, J. B. 1591
 Mill, C. S. 69
 Millet, M. 2625

- Mills, M. T. 455
Mirabel, Ph. 2625
Mitchell, C. A. 549
Mitic, C. M. 3169
Mitra, A. 1075
Mitra, S. K. 975, 3345
Mohan, M. 2075
Mohanty, U. C. 2139
Mölders, N. 3209
Molnár, A. 1821
Momin, G. A. 2021, 2025
Monn, Ch. 2565
Monson, R. K. 2989
Moon, D. A. 283
Moorgat, G. K. 2677
Morley, B. M. 951
Moropoulou, A. 895
Morris, R. E. 3067
Morris, W. A. 3441
Moussiopoulos, N. 3573, 3575, 3619, 3713
Muir, D. 959
Mukai, H. 1637
Mulholland, M. 497
Müller, H. 3209
Munthe, J. 47, 1441
Muramatsu, Y. 21
Murao, N. 1559
Mylne, K. R. 3245

Narasimha, R. 2113
Nester, K. 3655
Neumann, H. H. 3003, 3115, 3147, 3181, 3189
Newman, L. 3055
Nielsen, T. 1757
Nien, C.-F. 2887
Nigam, S. 2089
Nishiura, H. 97
Norton, R. B. 2609
Novakov, T. 813, 2559
Nowacki, P. 3055
Nussbaum, S. 989
Nwankwoala, A. U. 3277

Ohta, S. 1559
Olson, M. 411
Oncley, S. P. 3115, 3181
Orren, M. J. 3333
Otjes, R. P. 1069
Övervik, E. 1553

Paatero, P. 1705
Pabla, B. 411
Paden, J. 2201
Paliatsos, A. G. 3703
Pandey, D. K. 2201
Pandithurai, G. 2205
Panwar, T. S. 2075
Papadopoulos, K. H. 3689
Parrish, D. D. 2609, 2885
Paw, K. T. 3115
Peake, E. 383
Pearson, R. Jr 3115, 3133, 3181
Peden, M. E. 1221
Pederson, J. R. 3115, 3181, 3189
Pedretti, M. 2323
Penkett, S. A. 2529
Pennell, W. R. 189
Percival, C. J. 305
Perkins, R. J. 3245
Perrino, C. 345
Perry, R. 923
Peters, L. K. 189, 1043
Peters, N. E. 179
Petersen, G. 47
Phillips, J. C. 3245
Pielke, R. A. 283, 617, 625
Pier, P. A. 1347
Pierce, J. A. 2499
Pierce, T. E. 1569
Pihl Karlsson, G. 3391
Pilinis, C. 579
Pillai, A. G. 2025
Pilling, M. J. 1531, 1871
Place, C. J. 1393
Plane, J. M. C. 2887
Platt, U. 2677
Pleijel, H. 3391
Pleijel, K. 1441
Pleim, J. E. 3085
Pohja, T. 825
Polcher, J. 1963
Pollack, A. K. 3067
Polyák, K. 1821
Potra, F. A. 189
Potukuchi, S. 1663, 3357
Poulet, G. 2677
Poulos, G. S. 617, 625
Prabhu, A. 2113
Préndez, M. M. 1543
Pressyanov, D. S. 3433
Prodi, F. 983
Pruppacher, H. R. 975
Pryor, S. C. 1007, 1609
Puckett, K. J. 3003
Puxbaum, H. 861

Qi, Y. D. 767
Qingrui Sun 791
Qunzhen Wang 2417

Rael, R. M. 1771
Raga, G. B. 673
Raghava, R. C. 1963
Raj, P. E. 2205
Raman, S. 479, 2009, 2089, 2099, 2113, 2139, 2163, 2177
Ramanathan, Y. 2191
Rao, A. D. 2133
Rao, K. G. 2113
Rao, P. S. P. 2021, 2025
Rao, S. 2089
Ray, B. 3345
Råheim, A. 781
Reddy, N. C. 2177, 2089
Reese, R. S. 179
Resketo, M. 2977
Reuss, J. 1069
Reuter, G. W. 2467
Richards, L. W. 27

- Richman, M. B. 1609
 Richter, A. 1677
 Riechers, G. 1369
 Robarge, W. P. 3037
 Roberts, I. D. 1307
 Rodean, H. C. 2317, 2633
 Rodger, B. C. 1201
 Rodgers, M. O. 3055
 Rodriguez, D. 799
 Roekens, E. J. 2547
 Rogers, C. F. 751
 Romero, H. 1543
 Rong Lu 1499
 Rosselet, C. M. 2961
 Rossi, M. J. 3365
 Rotach, M. W. 1473
 Roussel, P. B. 565
 Røyset, O. 353
 Rudniev, S. N. 1843
 Rudolph, J. 861
 Ruffieux, D. 1579
 Rüger, Chr. 169
 Runge, E. H. 1267
 Ruppert, L. 2401
 Russell, A. 3633
 Rutherford, S. 549
 Ryan, W. F. 2387
- Sabbioni, C. 703
 Sadourny, R. 1963
 Saeed, A. A. A. 1519
 Saether, O. M. 1785
 Safai, P. D. 2021, 2025
 Sahm, P. 3619
 Salvi, G. 3559
 Samson, P. J. 3055
 Sandhu, H. S. 383
 Santachiara, G. 983
 Santos, J. C. 2301
 Santos, J. M. 2301
 Satsumabayashi, H. 255
 Saxena, P. 751
 Saydam, A. C. 2289
 Saylor, R. D. 189, 1043, 2585
 Schaeppi, G. 2565
 Scheff, P. A. 533
 Schemenauer, R. S. 2235
 Schery, S. D. 3319
 Schiermeier, F. A. 2375, 3713
 Schimel, D. S. 2989
 Schindler, Ch. 2565
 Schindler, R. N. 2677
 Schjoerring, J. K. 885
 Schleyer, C. H. 3067
 Schmidt, R. W. H. 947
 Schmidt-Ott, A. 967
 Schorran, D. E. 1113
 Schrems, O. 2475
 Schrodin, R. 2485
 Schuepp, P. H. 3115, 3133, 3147, 3159, 3169, 3199
 Schulz, E. 1155
 Schulz, M. 837
 Schurath, U. 947
 Schwartz, S. E. 2557
- Schwikowski, M. 607, 1829
 Seakins, P. W. 1871
 Seco, J. 1543
 Seibert, P. 607, 1829
 Seifert, A. 709
 Seiler, W. 3209
 Seinfeld, J. H. 403, 497, 579
 Selin, E. 449
 Selldén, G. 3391
 Selorio, P. M. 565
 Selvakumar, S. 2001
 Semb, A. 1785
 Şen, Z. 543
 Sequeira, R. 458, 2439
 Serves, C. de 3239
 Shamay, Y. 459
 Shannon, J. D. 1649
 Sharan, M. 2051, 2061
 Sharkey, T. D. 2989
 Sharkov, B. G. 3433
 Sharma, M. 2157
 Sharma, S. 2205
 Shaw, R. H. 3115, 3181
 Shemer, L. 709
 Shepherd, M. F. 647
 Shively, T. S. 3489
 Shokhirev, N. 825
 Shu, P. G. 1697
 Sievering, H. 3209
 Sievers, R. E. 2609
 Sikiotis, D. 77
 Sillman, S. 3055
 Simpson, R. W. 549
 Singer, A. 459
 Singh, M. P. 1879, 2051, 2061, 2075, 2089
 Sinha, P. C. 2133
 Sini, J.-F. 3501
 Sirois, A. 411
 Sitaraman, V. 3325
 Skov, H. 1757
 Slanina, J. 1069, 2229
 Slemr, F. 947
 Sloof, J. E. 11, 333
 Smith, L. 1185, 1195
 Smith, M. H. 3293
 Smith, N. 2887
 Smith, R. I. 1393
 Smith, R. L. 3489
 Soilemes, A. T. 3689
 Sokolic, F. 685
 Solomon, P. A. 2885, 2887
 Somerville, M. C. 2429
 Song, A. 1043
 Sosa, G. 2929
 Sowiński, J. 3385
 Spänkuch, D. 1155
 Spengler, J. D. 3545
 Spiekermann, M. 169
 Spiro, B. 851
 Spokes, L. 837
 Squires, K. D. 2417
 Stahlschmidt, T. 837
 Starinsky, A. 851
 Stedman, D. H. 1299
 Steigerwald, K. 175

- Steinnes, E. 353
Stelson, A. W. 3043
Stevens, R. K. 1719
Steyn, D. G. 1007
Stijfhoorn, D. 781
Stocker, D. W. 1299
Stocker, R. A. 617, 625
Stockwell, W. R. 1591
Stohl, A. 3235
Stoneking, C. 3055
Streit, G. 2929
Strimaitis, D. G. 455, 457
Styer, P. E. 2253
Sun, E.-J. 2899
Sutton, M. A. 1393, 3395
Suzuki, K. 97
Suzuki, M. 1637
Swaid, H. 3401
Swannell, R. P. J. 2661
Szabó, Gy. 1821
- Takacs, K. C. 455
Tamponi, M. 3465, 3477, 3559
Tang, L. Q. 1425
Tanner, R. L. 1113
Tapper, U. 1705
Tarver, G. A. 1291
Tayanç, M. 3411
Team, S. 2565
Tebaldi, G. 3477
Thatcher, T. L. 1487
Theoulakis, P. 895
Thiessen, K. M. 1771
Thomson, D. 1343
Tielemans, D. 2547
Tomas, C. 1543
Tonnesen, S. 3101
Toros, H. 3411
Trainer, M. 2885
Tran, M. 1355
Trapp, D. 3239
Tremback, C. J. 283
Trivikrama Rao, S. 2885
Trojanova, N. I. 2633
Tsang, T. T. H. 1425
Tsang, T. T. 189
Tuazon, E. C. 3423
Tuncel, G. 1131
Tuncel, S. 1131
Turco, R. P. 1499
Turner, W. V. 2401
Turpin, B. J. 3527
- Ueda, H. 255
Ulevicius, V. 1123
Urquiza, N. 2235
- Valente, R. 2349
Vallack, H. W. 1465
Van Ooy, D. J. 1319
Vanosdell, D. W. 2331
Vartiainen, M. 791
Varvayanni, M. 3593
Venkatesan, R. 3325
Vermette, S. J. 1221
- Vermette, S. 1219, 1247
Versteeg, J. K. 3441
Vesala, T. 825
Vijayakumar, R. 2021
Vilà-Guerau, de Arellano J. 87
Villalobos-Pietrini, R. 517
Vivarelli, F. 983
Vogel, G. 1155
Voldner, E. C. 1649
Vukovich, F. M. 2259
- Wagenbach, D. 1
Walker, H. 799
Walko, R. L. 283
Walmsley, J. L. 3713
Walter, J. 169
Wang, D. 3003
Warneck, P. 2359
Watson, J. G. 751, 3019
Wayne, R. P. 305, 2675, 2677
Weathers, K. C. 665
Webster, C. P. 1627
Weddeling, P. 1
Weinstein-Lloyd, J. 3055
Weiss, A. D. 1221
Welling, M. 2219
Wesely, M. L. 727
West, L. M. 1211
Westberg, H. 1075
Westerholm, R. 1553
Wexler, A. S. 361, 1663, 3263, 3357
Whittlestone, S. 3319
Wichmann, H. E. 3545
Wienhold, F. G. 2219
Willeke, K. 1105, 1123
Williams, M. D. 2929
Willoughby, T. C. 1221
Wilson, N. K. 2575
Winkel, R. J. Jr 3303
Winner, D. A. 3451
Wolff, S. 2401
Wong, L. W. Y. 2041
Woodfield, M. J. 2661
Wortham, H. 2625
Wotawa, G. 3235
Wyers, G. P. 1069, 2229
- Xiaodong Hong 2163
Xiaohua Wu 2417
- Yadav, A. K. 2051
Yago, A. 549
Yamamoto, N. 97
Yamashita, T. 247
Yamulki, S. 1627
Yann Ming Ling 313
Yao Zengquan 3373
Yarwood, G. 3067
Yilin Yao 791
Yin-Nan Lee 2557
Yinge Qian 1123
Yokouchi, Y. 1637
Yoshida, S. 21
Yueh-Jiun Yang 1591
Yusen Hong 791

Zahn, A. 1777
Zannetti, P. 479
Zappia, G. 703
Zaveri, R. A. 1043
Zayed, J. 591
Zeller, K. F. 1299
Zerefos, C. S. 3703

Zerefos, Ch. S. 3605
Zhang, X. J. 3189
Zhihua Fan 1171
Zhuk, Y. 799
Ziomas, I. C. 3605, 3703
Zoumakis, N. M. 3719

SUBJECT INDEX

- accumulation mode particles 0449, 1777, 3263
- acetic acid 0127
- acid deposition 0145, 0383, 1697, 1795, 2235
- acid deposition model 3085
- acid rain 1211, 1231, 1795, 2025, 2157, 2439, 3281
- acidification 1677
- activity coefficient 1663, 3357
- adsorption 0975
- advective transport 1425
- aerodynamic diameter 1123, 2565
- aerosol, 0175, 0393, 0449, 0751, 0837, 0875, 1075, 1663, 1777, 1821, 1829, 2205, 3257, 3263, 3293, 3519, *see dust, particle*
- aerosol, acid 3357, 3545
- aerosol, carbonaceous 3527
- aerosol composition 1559
- aerosol dynamics 0377
- aerosol evaporation 0313
- aerosol formation 0027
- aerosol, marine 0837
- aerosol, organic 3527
- aerosol process 0361
- aerosol sampling 0449, 1105, 2229
- aerosol scavenging 3281
- aerosol, secondary 0579
- aerosol size distribution 0175, 0673, 2359
- aerosol water content 0791
- agricultural cropland 0885
- agricultural soil 2219, 3037
- air borne measurement 2547
- air pollution sources 2041
- air quality 3671
- air quality data 0923
- air quality model 0403, 2585
- air-surface exchange 0267
- airborne chemical measurements 0027
- airborne particulate monitoring 3441
- airborne UV-photometer 1027
- aircraft measurements 3133, 3159, 3199
- aircraft-tower combination 3147
- airshed model 3451
- aldehydes 0255
- algal bloom 1637
- alkalinity 1519
- alkane 2311
- alkene 2401
- alkyl hydroperoxide 2401
- Alpine site 1829
- Ames test 0517
- ammonia 0097, 1091, 1355, 1369, 1619, 1849, 3303
- ammonia detection 1069
- ammonia, emission 1393
- ammonia exchange 0885
- ammonium 0097, 1355, 1369
- ammonium chloride 0313
- ammonium nitrate 0313
- anion dissolution 0703
- annular denuder 0313, 1171, 1719
- antiknock agent 0591
- APSiS 3575, 3593, 3633, 3655
- aqueous phase 1379
- aqueous-phase transition 3357
- Arctic 1777
- Arrhenius parameter 0305
- asthma 0549
- Atlantic Ocean 2475
- atmosphere-biosphere exchange 2339
- atomic fluorescence 1201
- Australia, Queensland, Brisbane 0549
- auto oil programme 3067
- autoxidation 1379
- AVHRR data 0739
- bacteria 1123
- Bahrain 1519
- Baltic Sea 0047
- Bay of Bengal 2133
- benzene 3309
- benzene emission 3559
- Bhopal gas leak 2061
- bimodality 3263
- bioaerosol 0549, 1123
- bioassay 3441
- biocalcarenite decay 0895
- biocontaminant 2331
- biogenic aerosol 0393
- biogenic emission 1347, 1569, 1871, 2977,
- biogenic hydrocarbon 0861, 3003
- biological controls 2989
- biomass burning 2301
- biomethylation 0021
- biomonitor 0333, 0353, 0011
- biosphere-atmosphere interaction 1963, 3209
- bismuth 1843
- bisulphate equilibrium 3357
- bisulphite 1091
- bootstrap methods 1185, 1195
- boundary layer 1343, 1579, 2009, 2163, 2259, 3293
- boundary layer dynamics 3605
- boundary layer transport 3235
- boundary-layer depth 2275
- Brazil 3519
- Brazil, Amazon basin 0393
- Brazil, Manias 2301
- brewing 2661
- bromide 3257
- building damage 0077, 0703, 0895
- buoyancy 2275
- calcareous stones 0077
- calcite 0781
- calcite powder 3365
- Canada 0591, 0647
- Canada, BC, Lower Fraser Valley 1007
- Canada, Ontario 1735
- Canada, Ontario, Toronto 0565
- Canada, Quebec 2235
- canister 2595
- canopy 3189
- canopy leaching 2025
- canopy scale measurements 1413
- carbon 0967
- carbon balance 2301
- carbon, black 0813, 0875
- carbon dioxide 2031, 3147
- carbon dioxide flux 3159
- carbon isotope 0781
- carbon monoxide 0497, 0525, 0591, 0923, 3309
- carbon¹⁴ 3309
- carbonyl 0027
- carbonyl compounds 3239
- carboxylic acid 0127
- catalysis 1379
- ceiling tiles 2331
- chamber study 2331, 2499
- charcoal air filtration 1355
- charcoal grilling 1553
- chemical climates 0145
- chemical mass balance 0533, 3019
- chemical mechanism 0403
- chemically reactive plume 0087
- chemiluminescence 2409
- Chernobyl accident 2633
- Chile, Santiago 1543
- chimney 0709
- city surface 1579
- clear sky temperature 2201
- climate modelling 2001
- Climate Change Convention 1905
- cloud base height 1359
- cloud chemistry 0027, 2235, 3281
- cloud condensation nuclei 0673, 0813, 2467
- cloud drop chemistry 1145
- cloud impactor 1145
- cloud physics 2009
- cloud radiative properties 0673
- cloud water 1697
- cloud-aerosol interaction 3281
- cloud-water bromide 3257
- cloudwater 0665
- clover 0989
- cluster analysis 0145
- coagulation 0361, 3263
- coal 2323
- coast 3373
- coastal diffusion 1331

- hydrochloric acid 0983
 hydrochloric acid vapour 0975
 hydrofluorocarbons 0305
 hydrogen peroxide 0027, 1697, 2409, 3055, 3281
 hydrogen sulphide 1291, 1291
 hydroxyalkyl hydroperoxide 2401
 hydroxyl radical 0169, 0305, 1685, 2409, 2651, 3423
 ice crystals 0983
 ice sphere 0975
 image processing 0709
 India 2021, 2113, 2139, 2157, 2177, 2191
 India, Bhopal 0479
 India, Silent Valley Forest 2025
 indole 3423
 indoor air 0345, 0693, 1165, 1487, 1719, 3345, 3423, 3519
 indoor-outdoor comparison 1487
 industrial pollution 2467
 infrared radiation 0069
 inorganic acid 3519
 inorganic particulate matter 1519
 intercomparison field experiment 0837
 inverse modelling 0497
 iodine emission 0021
 ion chromatography 0703
 ion exchange resin 0703
 ion loading 2439
 ionisation potential 0305
 Ireland, Mace Head 0837
 iron 0967
 isoprene 0861, 1347, 1569, 1871, 2977, 3003
 isoquinoline 3423
 isotopic $\delta^{34}\text{S}$ data 0851
 isotopic signature 2553
 isotropic turbulence 0423
 Israel 0467, 0851
 Italy, Milan 3559
 ITCZ 2475
 Japan 0255
 Japan, Oki Islands 1637
 Japan, Sapporo 1559
 Japan, Yokohama 0097
 jet cross flow 0709
 Kalman filter 0497
 kinetic equations 2585
 kinetics 0715, 2311
 Kuwait 0951
 Lagrangian model 2961
 Lagrangian particle model 3465
 Lagrangian statistics 2417
 large eddy simulation 2417
 laser microprobe 0781
 laser photothermal deflection 1069
 latent heat 3159
 lead²¹⁰ 0607
 leaf uptake 0997
 leaves 1771
 lichen 0011, 0333
 lidar 0951, 1027, 2205, 2275
 light absorption coefficient 0875
 light extinction 0751
 limestone 0077
 line source 1459
 liquid water 2557
 long-range atmospheric dispersion 0799
 low wind sensitivity 1105
 luminol 0947
 magnetic susceptibility 3441
 malt production 2661
 manganese 0591, 1379
 marble 0077
 marine atmosphere 0895
 Mediterranean 2289
 mercaptans 1291
 mercury 1649, 3333
 mercury cycle 1441
 mercury deposition 1201
 mercury deposition network 1247
 mercury model 1441
 mercury species 0047
 mercury vapour fluxes 0267
 mesoscale circulation 1499, 2009, 2163, 2177
 mesoscale deposition model 0383
 mesoscale model 0479, 2061, 2099, 3575, 3655
 mesoscale transport 0283
 metals 2475
 methanesulphonic acid 1637
 methoxyphenol 0791
 methyl chloroform 1601
 methyl iodide 0021
 methylcyclopentadienyl manganese tricarbonyl 0591
 Mexico, Mexico City 0517, 0525, 2929
 micrometeorology 3169
 micro-organism 1123
 microsphere 2535
 Mie scattering 0751
 mobile platform 1291
 mobile source 0497
 monitor siting criteria 2905
 monocyclic aromatic hydrocarbons 0323
 monoterpene 0861, 1569, 1871, 2977
 monsoon 2021, 2113, 2139, 2177, 2191
 Montreal Protocol 1883
 moss 0353
 mountain 2235
 mutagenicity 0517, 3441
 NADP 1211, 1221, 1231, 1247
 NADP/NTN network 0437
 network sampling 1221
 nitrate 0027, 1355, 1369, 2359, 2535, 2609
 nitrate, organic 1757
 nitrate radical 2311, 2887, 3423
 nitric acid 0077, 1849, 2359, 3365
 nitric acid vapour 0975, 1355, 1369, 2609
 nitric oxide 1627
 nitric oxide flux 3037
 nitro-PAH 1171
 nitroarenes 2575
 nitrogen 0179
 nitrogen compounds 1267
 nitrogen cycle 0885
 nitrogen deposition 1253, 1267, 3395
 nitrogen dioxide 0223, 2529, 2557, 2887, 3423
 nitrogen dioxide flux 1299
 nitrogen dioxide measurements 0947
 nitrogen oxides 0923, 2513, 3043, 3055
 nitrogen species 3209
 nitrogen tetroxide spill 0715
 nitrogenous air pollutant 1369
 nitrous acid 0345, 3519
 nitrous acid vapour 1355, 1369
 nitrous oxide 1627
 nitrous oxide fluxes 2219
 NMHC 0861
 nonlinear parameterisation 2317
 nonmethane organic gases 3019
 North Sea 0047
 Norway 1785
 nuclear accident 1853
 nucleation 0361, 0377
 numerical integration 2585
 nutrients 0179
 obstacle array 3245
 oil fires 0951
 oilfield 1291
 optical absorption spectroscopy 0169
 optical properties 0751, 0951, 3293
 ordinary differential equations 2585, 2541
 organic acid 3519
 organic compound 1685
 organic, vapour-phase 0997
 organochlorine 0323
 outgoing longwave radiation 2201
 oxalic acid 0127
 oxidant formation 2409
 oxygen 1091
 oxygen isotope 0781
 oxygenated PAH 2575
 ozone 0105, 0579, 0641, 0685, 1091, 1299, 1591, 1677, 1735, 1757, 1777, 2021, 2031, 2409, 2547, 2899, 2961, 3019, 3067, 3085, 3101, 3147, 3209, 3423, 3451, 3633
 ozone climatology 1319
 ozone control strategy 3451
 ozone depletion 0967, 1883
 ozone deposition 1413, 3133, 3189, 3391, 3199

- snow chemistry 1829
snow crystal 0975
snowfall rate 1021
snowpack dating 2535
sodar observations 3325
soil heat flux 2301
soil moisture 2163
soil-plant system 0021
solar radiation 1543
source apportionment 0333, 2041, 3019, 3345
source emission profile 1853
source fingerprint 0533
South Africa 0685
sparse-matrix 2585
spectral analysis 0411
speeds, low wind 2089
spruce 1413
spruce forest 0665
steam-jet aerosol collector 2229
STEM-II 1043
stemflow 1253
stiff ODEs 0403
stomata 1413
stomatal absorption 0825
stomatal conductance 1677, 3189
stone monuments 0703
stone weathering 0895
stratigraphy 2535
stratocumulus clouds 2009
stratosphere-troposphere exchange 1777
stratospheric aerosol 0449
stratus cloud 0027
street canyon 1473, 3465
sulphate 0027, 0851, 1113, 1355, 2609
sulphate aerosol 1697, 3545
sulphate deposition 2157, 2253
sulphur cycle 2553
sulphur deposition 1253, 3385
sulphur dioxide 0825, 0983, 1091, 1355, 1379, 1677, 1697, 3385, 3545
sulphur dioxide oxidation 3281
sulphur isotope 0851, 2553
sulphuric acid 1697
sulphuric acid formation 0377
sunlight 1697
supercritical fluid extraction 1531
surface conductance 3181
surface energy budget 1579, 2163
surface exchange 1413
surface fluxes 1627
surface layer 2089, 3325
surface reaction 0345
surface resistance 1677
surface spectral reflectance 0727
surface wetness 3189, 3391
suspended particulate matter 1543
Switzerland 2565, 2961
Switzerland, Jungfraujoch 0607, 1829
synergism 1379
tall stack plume 1331
temperature 0323
Tenerife 0169
terpene 3003
terrestrial ecosystems 3395
thermal decomposition 3277
thermodynamic equilibrium 1663, 3357
thoron decay product 0607
throughfall 1253
throughfall chemistry 2025
tobacco smoke 1719
TOMS data 0685
total column ozone 1155
toxic plume 0715
trace element 0333, 0353, 1821, 2289, 2323
trace gas exchange 3169
trace gas flux 2339
trace gases 1069
trace metals 0267, 1221, 2475
trace-element deposition 0011
tracer 0799, 1075, 1609, 1777, 2485
trajectories 3235
trajectory (isobaric) 0145
trajectory model 1267
transition metal 0175
transmissometer 0069
transpiration 0825
transport, long-range 0255, 1649, 1829, 2099, 2157, 3333
transport model 0047, 2485, 2585
transport, synoptic scale 1609
tree chamber 1347
trend analysis 1231
trend test 2429
trends 2253
tropical denuding 1963
tropopause folding 0449, 1777
TSP 0517, 2565
turbine exhaust 2547
turbulence 0087, 2089, 2529, 3501
turbulence closure model 3605
turbulence statistics 1473
turbulent diffusion 2317
turbulent flow 0423, 2417
turbulent transfer 3209
turbulent transport 3169
Turkey 1131
Turkey, Ankara 3411
Turkey, Istanbul 3411
Twomey inversion 0751
UK 0223
UK, London 0923
ultra-violet B 1155
unleaded gasoline 0591
uptake efficiency 0353
uranium mining 3433
urban air 1609, 3309
urban air pollution 2041, 3619
urban air quality 2929, 3477
urban airshed model 3067
urban atmosphere 3545
urban canopy 3501
urban climate 0467, 3401
urban climatology 3671
urban emission 0565
urban heat island 3411
urban microscale 3465
urban ozone plume 2349
urban pollution 0241, 3381
urban roadside 0923
urban street canyons 3719
urban turbulence 1473
USA, Arizona, Grand Canyon 1113
USA, Arizona, Grand Canyon National Park 0617
USA, California 0579, 2977, 3115
USA, California, Los Angeles 0027, 1499, 3451
USA, California, San Francisco 2915, 3019
USA, California, San Joaquin Valley 3019, 3133, 3159
USA, California, Sierra Nevada 1319, 1369
USA, Colorado, Denver 1579
USA, Florida, Lake Okeechobee 0179
USA, Great Lakes 1649
USA, Hawaii, Mauna Loa Observatory 3319
USA, Monterey Bay 2915
USA, New Hampshire 0601
USA, Tennessee 2349
USA, Vermont 0601
valley wind trajectory 2961
vapour diffusion 0983
vegetation 0825, 2977, 2989
vegetation density 2301
vegetation forcing 2163
vegetation injury 2899
vegetation type 1771
vehicle 0345, 0525, 3477
vehicle emissions 3309, 3719
vehicle traffic 3559
vertical dispersion 1343
vertical profile 1735
visibility 0241
visibility impairment 1113
volatile organic carbon 3019
volatile organic compound 0693, 0861, 0905, 1569, 2499, 2513, 2595, 2661, 2989
volcano 1843
warming, global 1957

- coastal ocean 2133
coastal urban areas 3713
coastal zone 0283
coastal-urban environment 2439
coke oven 0533
collection efficiency 0437, 0767
combustion 0791
combustion emission 0533
complex terrain 1331, 1499, 2375, 2449, 2929, 3593, 3655
condensation 0361, 0377, 3263
conductivity 2535
conifer stand 1369
continental scales 0799
convection 2467
cooking fumes 1553
crop yield 2031
cumulative semivariogram 0543
cumulus cloud model 2467
cuticle 1413
deliquescence 1663, 3357
dense gas 2075
denuder 2609
deposition 0353, 0383, 0665, 1131, 1201, 1231, 1649, 1771, 3319
deposition, dry 0179, 0267, 0727, 0739, 0885, 1091, 1253, 1299, 1519, 1677, 3209, 3365
deposition episode 1795
deposition gauge 0767
deposition, resuspension 1487
deposition to sea 1267
deposition velocity 0997
deposition, wet 0179, 0267, 0437, 1021, 1185, 1195, 1247, 1221, 1705, 2475
desert 2191
desorption 0975
developing countries 1883
dew 3189
diesel 0533
diesel soot 0813
differential equation 0403
diffusion equation 2317
diffusion model 2375
diffusion parameters 2051
diffusion scrubber 1291, 3239
diffusion tube sampler 0223, 2529
dimethylsulphide 2553
dispersion 0283, 0715, 1459, 2449
dispersion model 0591, 0799, 1075, 1331, 1853, 2051, 2075, 2929, 3373, 3381, 3619
DOAS 2887
droplets 1307
drought 1919
dust deposit gauge 1465
dust episode 1829
dust fall 0767
dust, fugitive 1075
dust monitoring 1465
eddy accumulation method 2339
eddy correlation 1299, 1413, 3147, 3181
effective acidity 0383
El Niño 1919
electrical conductivity 2439
electrochemical sonde 1027
electrostatic precipitator 2323
elemental composition 0393
elevated pollution layers 1499
emission controls 1795
emission inventory 0497, 0923, 1393, 2989, 3019
emissivity 2201
enclosure technique 1677
energy mass exchanges 3159
eucalyptus forest 1871
Eulerian air quality model 0105
Eulerian grid model 3101
Eulerian Models, review 0189
Europe 0241
evaporation 1307, 1359
excimer UV-radiation 0967
exposure index 0989
extinction efficiency 0751
factor analysis 0333, 0393, 1705, 2041
fatty acid 0255
fermentation 2661
field chamber 1355
fine particle mass 2429
finite element method 1425
Finland 1705
flame photometric detection 1291
flame retardant 3303
fluoride 1785
flux footprint 3147
flux mapping 3169
flux-gradient relationship 3209
fly ash particles 2323
fog 1145, 1697, 2235
fog chemistry 3257
fog droplet 1441
fogwater 2625
forecasting pollutant concentration 3703
forest 1319, 1677, 3003
forest canopy 2339
forest edge 0665
forest fire 3303
forest inventory
forest soil 0267
formaldehyde measurements 3239
formic acid 0127
Fourier transform spectroscopy 3303
France, Strasbourg 2625
fresh water outflow 2133
Frisbee 1465
fuel/vehicle systems 3067
fumigation 0283, 3043
fungal growth 2331
fungal spore 0549
furan 2651
gamma regression 2253
gas accident 0479
gas scavenging 0975
gas-phase diffusion 0825
gas-phase reaction 2311
gas-to-particle conversion 3527
gasoline 0533, 3067
Gaussian equation 3381
Gaussian model 2375
Gaussian plume 0361
gear code 2541
Gear-type solver 2585
Gibbs free energy 1663, 3357
grape 3189
gravitational settling 0361
Greece, Athens 3575, 3593, 3605, 3619, 3633, 3655, 3671, 3689, 3703
Greece, Patras 1849
Greece, Rhodes 0895
greenhouse effect 1957
greenhouse gas 0641
greenhouse gas emission 1905
Greenland 1843
grid resolution 3085, 3101
growth laws 3263
Guttalgor 0175
halogen oxides 2677
hazardous air pollutant 2595
health impact 3559
health study 0959
heat flux 2113, 3159
heat island 0467, 1957
heating 3477
heavy metal 1843
helicopter 2547
Henry's law constant 0323
heterogeneous reaction 0715, 0967, 2887
high elevation 0665, 1043
higher-order closure 2449
highly soluble gases 1359
highway model 1459
highway tunnel 0533
Hong Kong 2041, 2439
Hungary 1821
hydrocarbon 0923, 3055
hydrocarbon, biogenic 2401
hydrocarbon emission 2977, 3003
hydrocarbon measurement 0647

- ozone dry deposition 3181
ozone episode 0565
ozone exceedance 3489
ozone exposure 0601, 0989, 1043
ozone flux 1299, 1413, 3159, 3199
ozone forecasting 2387
ozone formation 3055
ozone generation 0967, 1355
ozone measurement 1027
ozone meteorology 2905
ozone, model result 0411
ozone pattern 1155
ozone production efficiency 2349
ozone profiles 1027
ozone scrubber 0947
ozone time series 1007
ozone uptake 3169, 3181
ozone variations 2259
ozone violation 2915
Ozone Deposition Experiment 3115
ozonolysis 2401
parallel computer 3451
parallel processors 2001
particle loss 0449
particle model 1331
particle motion 0423
particle size distribution 3263
particles, submicron 0967
particles, ultrafine 3319
particulate 0959, 2289
particulate matter 0549, 1075, 1487, 2565
passive flux sampler 0885
passive samplers 0223, 1201
pasture canopy 3391
pattern recognition 0333
penetration 1487
peroxides, gaseous 1113
peroxy radicals 1591
peroxyacetyl nitrate 1591, 2899, 3277
persistent organic compounds 0997
personal sampler 1105
pesticides 0247
pH 2439
phase transition 1663
phenol 0997
phosphorus 0179
photo-oxidant production 2961
photochemical mechanism 2513
photochemical modelling 0579, 0905, 3067, 3619, 3633
photochemical oxidant 2547
photochemical ozone 2387
photochemical pollutant monitor 2905
photochemical reaction 0255
photochemical smog 1499, 2499, 3619
photochemistry 1043, 1697, 2541, 3055
photolysis 2409
phytotoxic 2899
pine 1677
pine needles 0825
plant species 0861
plume 1619
plume dispersion 3245
plume fluctuations 0087
plume rise 0709, 2275
plume transport 2099
PM₁₀ 0517, 0549, 0959, 2565, 3545
PM₁₀ emission rates 1075
point source 2449
point source plume 0361
Poland 3385
pollen 0549
pollutant transport 1043
polluted cloud 2467
pollution episode 0923
pollution model - ACDEP 1267
pollution source 0333
pollution transport 3713
polyaromatic hydrocarbon 0533
polycyclic aromatic hydrocarbon 0791, 1171, 1531, 1553,
1719, 2575, 3345, 3441
polydispersity 0313
polyvalent cation 2625
Portugal, Lisbon 1809
power plant 3043
Prairie Grass experiments 2317
precipitation 0001, 1221, 1785, 1963, 2467, 2475
precipitation, bulk 0179
precipitation chemistry 0437, 1131, 1185, 1195, 1211, 1231,
1795, 2235, 2439
precipitation collector 1247
precipitation rate 1021
precipitation, urban 0247
principal component analysis 1705
proton microprobe 2323
pyrocatechol 1165
quantum yield 1697
quinoline 3423
radiation balance 0673
radiative transfer 2009
radioactive plume 1853
radioactivity 1771, 1809, 3433
radiocarbon 3309
radionuclide 0607, 2633
RADM 0105
radon 1809, 3433
radon decay product 0607, 1809, 3433
rain 0175, 1619, 1771
rain enhancement 2467
rain episode 2191
rain sampling 2475
rain showers 2467
rain water 2025
raindrop 1359
raindrop trajectory 3501
rainfall rate 1021
Rainforest Clearing Experiment 2301
rainwater, chemistry 0851
rainwater composition 2439
random-walk modelling 1331
reaction rate constant 1685
reactive nitrogen 1757
receptor model 0393, 2041
refractive index 3293
regional model 0739
regulatory applications 2375
relative humidity 0791
remote sensing 0727, 2205
respirable airborne particulate 3441
resuspension 2633
retention 1771
rice plants 0021
riming 0983
roads 1075
ryegrass 0989
Sahara 2289
Saharan dust event 1829
salinity 0323
sampling artefact 1719, 2575, 1171
sampling frequency 2429
sand 1307
sandstone 0077, 0781
Saronic Gulf 3689
satellite data 0739
satellite temperatures 1957
scanning radiometer 2201
SCAQs 0579, 0905
scavenging 0437, 0983, 1829
scavenging, below-cloud 1359, 1619
sea breeze 0283, 1499, 3575, 3593, 3605, 3655, 3689
sea surface temperature 2139
seasalt 2475
semi-volatile organic 1719
sensible heat 3159
sesquiterpene 0861, 2977
shoreline fumigation model 3373
sigma schemes 2051
similarity solution 2317
sick houses 0693
smog 2513
smog chamber 2499
smoke, black 0959
smoke plume 0951
SMVGEAR II 2541
snow 0001, 1299, 1843, 2535

water activity 1663
water nucleation properties 0813
weather pattern 2915
weathering 0781
wet surfaces 1091
wheat field 1627
wilderness area 0601
wind field 3575

wind flow simulation 3593
wind shear 3373
wind speed 2529
wind speed, low 2051
wind-induced circulation 2133
wood combustion 3309
wood smoke 0791
wort processing 2661

THE PREPARATION OF PAPERS FOR ATMOSPHERIC ENVIRONMENT (Revised August 1991)

These notes are provided for intending authors. If they are consulted *prior* to preparation of the manuscript they will save a great deal of trouble later.

The subject matter of papers published in this Journal, broadly speaking, covers all aspects of man's interactions with his atmospheric environment, including the administrative, economic and political aspects of these interactions. Papers should describe original work or ideas on these subjects and should be of **general and not merely local interest**.

In addition to research papers the Journal publishes Short Communications, Technical Notes, Letters to the Editors, Discussion of published papers, Notices and Reports of Meetings, Book Reviews and Critical Literature Reviews.

Articles should be submitted to one of the Executive Editors (see the current issue of Journal for list of names and addresses of Executive Editors) and he will normally obtain the opinion of two independent referees. The Editor will then inform the author whether or not the paper is acceptable for publication, and what modifications, if any, are necessary. *The final version of the manuscript should be ready for printing.* Any substantial changes in proof other than typographical errors will be charged to the author.

In view of the large number of papers (roughly one per day) being submitted to the Journal and the high cost of printing, authors should keep their papers as short as is consistent with clarity. Unnecessary introductory material should be avoided, as should repetition. Graphical presentation of information should be confined to as few separate diagrams as is practicable. First or third person or passive voice may be used. The rules of grammar should be observed, including the proper use of plurals of Greek or Latin terms, e.g. medium, media; datum, data; phenomenon, phenomena; species, species. Laboratory slang should be avoided, e.g. particulate for particulate matter.

The submission of an article will be taken to indicate that it has not, and will not, without the consent of the Editors, be submitted for publication elsewhere.

Script Requirements for all Articles

Manuscript

English is the preferred language. The paper should be checked by a native speaker for spelling and grammar. Please inform the editor if this is really not possible.

The manuscript must be typed double-spaced on one side of A4 paper.

Maximum length 20 pages including diagrams and tables.

All pages should be numbered.

Send three legible copies (*Atmospheric Environment*) or four legible copies (*Atmospheric Environment: Urban Atmosphere*) for the initial submission (not normally returned).

Spelling

British or American but not a mixture of both.

Title

Long enough to be informative.
Avoid chemical formulae in title.

Author's Address

Sufficient to locate the author.

Abstract

English, 300 words max.
Give all main points of whole paper.
Do not repeat title.
Avoid specialist terms.
Do not give full references.

Key Word Index

Include ~five key words.
Avoid words already in title.
Use words which can logically be located in an index.

Units

S.I. unless this is precluded by nature of measurements, in which case *conversion factors must be given*.
Use negative indices rather than / and leave space between symbols, e.g. m s^{-1} not ms^{-1} or m/s.

Symbols

Define in text or in a list of notation where units or dimensions should be given.

Mathematics

Type if possible.
Avoid double suffix.
Punctuate carefully.

Illustrations

Number in order referred to in text (Fig. 1, etc.). List captions separately (with copies). The caption and an indication of the top of the figure should be marked in pencil on the back.

Original drawings or good photoprints on glossy paper as well as two copies approximately twice the final size should be supplied.

If diagrams are computer generated, they should be simple, clear and bold. If not, the editor may ask for these to be redrawn by hand.

Scales for maps and photomicrographs should be drawn on the figure as $\text{---} 1 \mu\text{m}$, etc. *not* given as $\times 1000$, etc. If words or numbers are to be added two copies should be provided, one clearly printed and one without inscription.

Ordinates

Label with adequate graduations. Give three intermediate points (normally $\times 2$, $\times 3$, $\times 5$) between the decades on logarithmic scales.

Tables

Do not repeat information given in diagrams. Provide a separate list (with copies). Number (Table 1, etc.) in order referred to in text. Avoid excessive tabulation of data.

References

In the text as: Smith (1950) or (Smith, 1950) according to content of sentence, list in alphabetical order of first author's surname at end of text as follows: author's names(s), initials, year of publication, title in italics.

Periodicals title abbreviated in the style of the current amendment of *World List of Scientific Periodicals* (Butterworths) volume number and *inclusive* page numbers.

Fermi E. and Marshall L. (1974) On the interaction between neutrons and electrons. *Phys. Rev.* **72**, 1139-1146.

Books references, title pages, publisher's name and location:

Thring M. W. (1957) *Air Pollution*, pp. 132-134. Butterworths, London.

Internal publications, conference proceedings, etc.; avoid if possible. If essential, include sufficient information for the reader to locate the reference, in particular references to conferences should contain the address of the organization responsible.

Appendix or Section in smaller type within the text

Items of interest only to specialists in the author's field, e.g. model formulations, descriptions of methods, experimental results, etc.

Acknowledgements

As brief as possible, in a separate section before the references, *not* in the text or as footnotes.

Sub-Divisions

Number sections of the paper (and if necessary sub-sections) if there is any substantial cross-referencing within the paper.

*General Advice**First Submission*

Some papers, particularly modelling studies, may need extra documentation at the refereeing stage. Please include copies of relevant internal reports, etc. Modelling studies should include some validation with data.

Revised Manuscript

Return two copies of the revised manuscript, with publication standard figures. Include a brief note of your response to the referees' comments. Highlight substantial changes on one copy of the manuscript, using a coloured pen.

Accepted Manuscript

Unless otherwise requested, page proofs will be sent to the first named author for correction.

An order form for reprints will be enclosed. A mandatory page charge of U.S. \$85.00 per printed page is in operation for authors in U.S.A., Canada and Japan and entitles authors to receive 100 reprints.

Please note the original manuscript and diagrams will be discarded one month after publication, unless the Publisher is requested (on submission of the manuscript) to return original material to the author.

